

ABSTRACTMETHOD AND DEVICE FOR NOISE REDUCTION

5 The present invention is related to a method
to reduce noise in a noisy speech signal, comprising the
steps of

- applying at least two versions of the noisy speech
signal to a first filter. The first filter outputs a
10 speech reference signal and at least one noise reference
signal,
- applying a filtering operation to each of the at least
one noise reference signals, and
- subtracting from the speech reference signal each of the
15 filtered noise reference signals.

The filtering operation is performed with filters having
filter coefficients determined by taking into account
speech leakage contributions in the at least one noise
reference signal.

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(Figure 3)